U.S. DEPARTMENT OF COMMERCE PATENT AND FORM - TO-1390 ATTORNEY'S DOCKET NUMBER (Rev. 10-96) TRANSMITTAL LETTER TO THE UNITED STATES 012679-066 DESIGNATED/ELECTED OFFICE (DO/EO/US) U.S. APPLICATION NO. (If known, CONCERNING A FILING UNDER 35 U.S.C. 371 09/486,392 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/KR 98/00259 August 25, 1998 August 28, 1997 TITLE OF INVENTION AN ATTENUATED JAPANESE ENCEPHALITIS VIRUS ADAPTED TO VERO CELL AND A JAPANESE ENCEPHALITIS VACCINE APPLICANT(S) FOR DO/EO/US KIM, Hyun Su; YOO, Wang Don; KIM, Soo Ok; LEE, Sung Hee; MOON, Sang Bum; HONG, Sun Pyo; SHIN, Yong Cheol; CHUNG, Yong Ju; ECKELS, Kenneth H.; INNIS, Bruce; PUTNAK, Joseph R.; BINN, Leonard N.: SRIVASTAVA, Ashok K.; DUBOIS, Doria R Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and the PCT Articles 22 and 39(1). A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is transmitted herewith (required only if not transmitted by the International Bureau). has been transmitted by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US) A translation of the International Application into English (35 U.S.C. 371(c)(2)). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are transmitted herewith (required only if not transmitted by the International Bureau). have been transmitted by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11. to 16. below concern other document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. A FIRST preliminary amendment. A SECOND or SUBSEQUENT preliminary amendment. A substitute specification. 22/2000 punios 00000142 09486392 A change of power of attorney and/or address letter. 110.00 gp 130,00 np 16. Other items or information: Associate Power of Attorney; Petition for Extension of time (1 month)

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| U.S. APPLICATION NO. (If known, see \$7 C.F.R. 1.50) INTERN | | | | | APPLICATION NO. | | | | ATTORNEY'S DOCKET NUMBER 012679-066 | |
| 17. The following fees are submitted: | | | | | | | CA | CALCULATIONS | | PTO USE ONLY |
| Basic National Fee (37 CFR 1.492(a)(1)-(5)): | | | | | | | | | | |
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| Search Report has been prepared by the EPO or JPO | | | | | | | | | | |
| International preliminary examination fee paid to USPTO (37 CFR 1.482) \$670.00 (956) No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$690.00 (958) | | | | | | | | | | |
| Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO | | | | | | | | | | |
| International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) | | | | | | | | | | |
| ENTER APPROPRIATE BASIC FEE AMOUNT = | | | | | | | | | | |
| Surcharge of \$130.00 (154) for furnishing the oath or declaration later than 20 30 X months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | | | | | 30.00 | | |
| Claims | | Number Filed | | Number Extra | | Rate | | | | |
| Total Claims | | -20 = | | 0 | | X\$18.00 (966) | \$ | 0.00 | T | |
| Independent C | laims | -3 = | | 0 | | X\$78.00 (964) | \$ | 0.00 | | |
| | | | | | | + \$260.00 (968) | \$ | 0.00 | | |
| | | | | | | | \$ | 130.0 | | |
| Reduction for 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be | | | | | | | \$ | 130.0 | \dashv | |
| filed. (Note 37 CFR 1.9, 1.27, 1.28). | | | | | | | ļ | | _ | |
| SUBTOTAL = | | | | | | | \$ | 130.0 | <u> </u> | - |
| Processing fee of \$130.00 (156) for furnishing the English translation later than an anoths from the earliest claimed priority date (37 CFR 1.492(f)). | | | | | | | \$ | 0.00 |) | |
| TOTAL NATIONAL FEE = | | | | | | | \$ | 130.0 | 0 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 (581) per property + | | | | | | | \$ | 0.00 | | |
| TOTAL FEES ENCLOSED = | | | | | | | \$ | 130.0 | 0 | |
| · | | | | | | | , | Amount to b | | \$ |
| | | | | | | | | charge | ed | \$ |
| a. A check in the amount of \$ 130.00 to cover the above fees is enclosed. | | | | | | | | - | | |
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| b. Please charge my Deposit Account No. <u>02-4800</u> in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | | | | | | | |
| c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>02-4800</u> . A duplicate copy of this sheet is enclosed. | | | | | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. | | | | | | | | | or (b)) must be | |
| SEND ALL CORRESPONDENCE TO: | | | | | | | | 2 | | |
| Bu P.(| Ronald L. Grudziecki BURNS, DOANE, SWECKER & MATHIS, L.L.P. P.O. Box 1404 Alexandria, Virginia 22313-1404 Dawn M. Gardner NAME | | | | | | | | | |
| 44,118 REGISTRATION NUMBER | | | | | | | | | | |